

NOTICE OF DRAFTSPERSON'S PATENT DRAWING REVIEW

The drawing(s) filed (insert date) 11/25/2003 & 3/15/2010 are:

- A. approved by the Draftsperson under 37 CFR 1.84 or 1.152.
B. objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. Corrected drawings are required.

1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings: Black ink or Color (3 sets required).

- Color drawings are not acceptable until petition is granted. Fig(s) _____
- Pencil and non black ink not permitted. Fig(s) _____

2. PHOTOGRAPHS. 37 CFR 1.84(b)

- One (1) full-tone set is required. Fig(s) _____
- Photographs may not be mounted. 37 CFR 1.84(e)
- Photographs must meet paper size requirements of 37 CFR 1.84(f). Fig(s) _____
- Poor quality (half-tone). Fig(s) _____

3. TYPE OF PAPER. 37 CFR 1.84(e)

- Paper not flexible, strong, white, and durable. Fig(s) _____
- Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____

4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:

21.0 cm by 29.7 cm (DIN size A4) or
21.6 cm by 27.9 cm (8 1/2x 11 inches)

- All drawing sheets not the same size. Sheet(s) _____
- Drawings sheets not an acceptable size. Fig(s) _____

5. MARGINS. 37 CFR 1.84(g): Acceptable margins: Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm

- Margins not acceptable. Fig(s) _____

Top (T) _____ Left (L) _____

Right (R) _____ Bottom (B) _____

6. VIEWS. 37 CFR 1.84(h)

REMINDER: Specification may require revision to correspond to drawing changes, e.g., if Fig. 1 is changed to Fig. 1A, Fig 1B and Fig. 1C, etc., the specification, at the Brief Description of the Drawings, must likewise be changed.

- Views not labeled separately or properly. Fig(s) _____

7. SECTIONAL VIEWS. 37 CFR 1.84(h)(3)

- Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____

*improper foam hatching for Fig 1A
solid proper hatching for Fig 14a*

COMMENTS:

*weight lines heavy dry (Figs 4a-4h)
doubled lines req'd for fig 4a-4h*

*improper metal hatching
proper metal hatching req'd*

If you have questions, call (703) 305-8404.

8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)

- Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____

9. SCALE. 37 CFR 1.84(k)

- Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction. Fig(s) 4a - 4h

10. CHARACTER OF LINES, NUMBERS, & LETTERS. 37 CFR 1.84(l)

- Lines, numbers & letters not uniformly thick and well defined, clean, durable, and black (poor line quality). Fig(s) 4a - 4h & 14a - 14b

11. SHADING. 37 CFR 1.84(m) (rough/pale lines)

- Solid black areas pale. Fig(s) _____
- Solid black shading not permitted. Fig(s) _____

12. NUMBERS, LETTERS, & REFERENCE CHARACTERS. 37 CFR 1.84(p)

- Numbers and reference characters not plain and legible. Fig(s) 4a - 4h & 14a - 14b

Figure legends are poor. Fig(s) 4a - 4b & 14a - 14b

- Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1) Fig(s) _____

English alphabet not used. 37 CFR 1.84(p)(2) Fig(s) _____

- Numbers, letters and reference characters must be at least 32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3). Fig(s) 4a - 4h & 14a - 14b

13. LEAD LINES. 37 CFR 1.84(q)

- Lead lines missing. Fig(s) _____

14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(t)

- Sheets not numbered consecutively, and in Arabic numbers beginning with number 1. Sheet(s) _____

15. NUMBERING OF VIEWS. 37 CFR 1.84(u)

- Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____

16. DESIGN DRAWINGS. 37 CFR 1.152

- Surface shading shown not appropriate. Fig(s) _____

Solid black surface shading is not permitted except when used to represent the color black as well as color contrast. Fig(s) _____

Date 11/24/10

Attachment to Paper No. _____